

Performance Specification - Attachment

1. Rhomboid Separation - The values given are nominal and may vary $\pm 2\text{mm}$ because of manufacturing tolerance build up.
2. Resolution - A word of explanation is in order for the resolution figures given on the Performance Specification Sheet. The nominal resolution figures represent the average axial resolution obtained on the U.S. Navy Versatile Stereoscope and are, we feel, representative of the resolution performance which can be expected of the instrument in general.

In addition the following maximum and minimum resolution figures are given.

The maximum resolution is the best obtained with the Navy instrument. The minimum resolution represents the absolute minimum which will not be rejected. We will guarantee that no instrument will fail below these figures and actually do not expect but a very small percentage to actually reach this low standard. This level is necessary because of the tolerance build-up which may occur when production manufacturing methods are applied. It is possible these resolution figures can be up-graded after a production run of instruments has been manufactured. We feel an explanation of these three categories should be made to any prospective customers so the maximum resolution potential will be realized.

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3. When measuring high resolution values, the eye rather than the instrument may become the limiting factor therefore additional optical aids may be used in reading resolution.

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Declass Review by NIMA / DoD